

Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2010-03-19
Date of Last Change to Activities: 2011-11-22
Investment Auto Submission Date: 2012-02-28
Date of Last Investment Detail Update: 2012-06-28
Date of Last Exhibit 300A Update: 2012-06-28
Date of Last Revision: 2012-06-28

Agency: 027 - Office of Personnel Management **Bureau:** 00 - Agency-Wide Activity

Investment Part Code: 01

Investment Category: 00 - Agency Investments

1. Name of this Investment: Health Claims Data Warehouse and Analysis (HCDW)

2. Unique Investment Identifier (Ull): 027-000000029

Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

The U.S. Office of Personnel Management's (OPM) mission is to recruit and retain a world-class work-force to serve the American people. Specifically, this mission includes the Strategic Goal to Respect the Workforce by providing the training, benefits, and work-life balance necessary for federal employees to succeed, prosper and advance in their careers. In support of this mission goal, OPM oversees the administration of benefits through the Federal Employee Health Benefits Program (FEHBP) for approximately 8 million federal workers, retirees, and their dependents. As the FEHBP administrator, OPM has a responsibility to the American taxpayers to ensure that health care for these beneficiaries is provided efficiently. In addition to challenges managing a large benefits program, OPM's FEHBP faces challenges driven by a rapidly transforming health care system. Multiple drivers rising costs, technology, rising consumer expectations, workforce shortages, and increased care fragmentation are leading to new models of care and payment. The overall spending under FEHBP was over 43 billion dollars in FY10. Yet, unlike most large employers, OPM does not receive detailed claims data on employee utilization of health services funded by the program, thus limiting OPM's ability to actively manage this program. Analysis of this data will enable OPM to more actively manage FEHBP as well as to be better positioned to assure value, and to hold providers accountable for the services they provide to federal employees and retirees. OPM has initiated a Director priority initiative to create a health claims data

warehouse which will provide OPM with the capacity to collect, store, and analyze health claims and other information for federal employees covered under the FEHBP and then take actions to assure federal employees covered under this program receive the greatest possible value for their premium contributions. With the enactment of the Patient Protection and Affordable Care Act of 2010, OPM assumes the responsibility of overseeing the implementation of the Act's Multi-State Option Plan. Data from Multi-State Plans insurance carriers will also be loaded into the Health Claims Data Warehouse and will be available for research and analysis.

2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.

To ensure continued high quality management, OPM is in need of an effective tool to assist in the management and administration of OPM managed health benefits programs through extensive analysis of cost, quality, and access to health service programs under its oversight. The HCDW would expand the analytical capability of OPM and help ensure the value for service provided. OPM has the need to use data analysis to ensure that FEHBP plans offer federal beneficiaries high-quality and efficient care, using data to inform leading-edge benefit management. Implementing a Health Claims Data Warehouse (HCDW) will enable OPM and the FEHBP to strategically address health market challenges, as well as achieve OPM's strategic goal to Respect the Workforce through attractive benefit programs. Developing such a database and analytical capability will better position OPM to negotiate effectively with FEHBP carriers to keep federal premium increases below industry-wide levels and improve the effectiveness and efficiency of care delivered by health care providers to the enrollees by facilitating robust contract negotiations, health plan accountability, performance management, and program evaluation. If the HCDW investment is not fully funded the following scenario would occur:

- o A 5% reduction equates to roughly a \$500K cut for these activities. Cuts would likely come from either staffing levels or from HCDW contractor support or HCDW related costs such as software or hardware.
- o A 10% cut equates to roughly over \$1M. A cut of this amount would likely require a cut in staff and would lead to workload increases. Any cuts to HCDW, such as staffing, service contracts, or hardware and software will jeopardize the project in terms of system reliability and the ability to gather and extract data.
- o A 15% cut equates to roughly over \$1.5M. A cut of this amount would require a cut in staff and to the HCDW initiative. These cuts jeopardize the ability to provide core support for the benefit programs as well as attempts to improve our capabilities in terms of capturing and analyzing FEHB data for the purpose of containing costs. The HCDW has not reduced scope due to budget reductions but instead has deferred the full build-out to later years. These accumulated budget reductions will delay OPM from realizing early ROI and value-driven benefits realization to healthcare programs under OPM oversight.

3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.

Completed PIA Established Interim Environment Completed MOU between PPA and OIG for HCDW production environment Completed Market Research Completed Privacy Threshold Assessment (PTA) Completed Privacy Impact Assessment (PIA) Completed System of Records Notice (SORN) Completed Security and Privacy Management Plan Completed

Acquisition Strategy and Plan Completed Statement of Objectives (SOO) Conducted Industry Day and Small Business Event Completed Segment Architecture Review Established interim HCDW environment within OIGs SAS environment Upgrade Existing OIG Platform/LAN Procure Hardware (Server and Storage) Fourth Quarter FY11 Procure SAS Grid Software Upgrade Fourth Quarter FY11 Procure SAS Grid Implementation Services Fourth Quarter FY11. Begin additional Data Feed Development Fourth Quarter FY11 Completed TechStat Evaluation.

4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).

CY- FY2012 Conduct Project Initiation and Contractor Onboarding Activities Conduct Requirements Analysis Activities Conduct System Design Activities Conduct System Construction/Development and Testing Activities Begin implementing the database component of HCDW Perform Data Migration Management (Migration of existing claims data from the OIG environment to PPA) Begin implementing and configuring COTS analytic applications Begin implementing a slowly changing demension model to equate to changing data such as name changes, address changes, etc. Begin automating common HCDW ETL processes Perform System Security Assessment and Authorization Activities (FISMA) Begin planning for the development of HMO Data Feeds. By-FY2013 Continue implementing the database component of HCDW Continue Data Migration Management (Migration of existing claims data from the OIG environment to PPA). Continue implementing and configuring COTS analytic applications Continue planning for the development of HMO Data Feeds Continue implementing the slowly changing demension model to equate to changing data such as name changes, address changes, etc. Continue automating common HCDW ETL processes Begin planning for the implementation Public Use Files Begin planning for the implementation of Network Adequacy Measurment functionality Begin planning for the implementation of Affordable Care Act Federal Data Feeds.

5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.

2010-08-27

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$4.0	\$3.2	\$0.0	\$0.0
DME (Excluding Planning) Costs:	\$0.0	\$0.0	\$3.3	\$1.8
DME (Including Planning) Govt. FTEs:	\$0.7	\$1.0	\$1.5	\$1.5
Sub-Total DME (Including Govt. FTE):	\$4.7	\$4.2	\$4.8	\$3.3
O & M Costs:	\$0.0	\$0.0	\$0.0	\$1.5
O & M Govt. FTEs:	\$0.0	\$0.0	\$0.0	\$0.0
Sub-Total O & M Costs (Including Govt. FTE):	0	0	0	\$1.5
Total Cost (Including Govt. FTE):	\$4.7	\$4.2	\$4.8	\$4.8
Total Govt. FTE costs:	\$0.7	\$1.0	\$1.5	\$1.5
# of FTE rep by costs:	5	7	16	16
Total change from prior year final President's Budget (\$)		\$0.0	\$-0.4	
Total change from prior year final President's Budget (%)		0.00%	-7.40%	

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

N/A

Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
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NONE

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

The Program Management Office has implementing an Earned Value Management System for monitoring program performance for the HCDW project in coordination with OPMs OCIO. The program is being baselined to account for an increase in scope. All stakeholders supporting the project will be required to provide schedule status based on the defined EVM processes and procedures implemented by the PMO and OPMs EV PMO.

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2011-11-22

Section B: Project Execution Data

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
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2040

HCDW

HCDW allows OPM to collect, store, and analyze health claims data from current and future OPM health benefit programs to support management and administrative purposes and hold providers accountable for the services they provide.

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
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2040

HCDW

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
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NONE

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Customer satisfaction. Semi-annual survey administered to HCDW analysts to measure percent of respondents that are satisfied or extremely satisfied with HCDW.	Percent (%) customers satisfied	Customer Results - Customer Benefit	Over target	0.000000	0.000000	0.000000	0.000000	Quarterly
Number of plans OPM can determine average cost per enrollee	Percent (%) plans OPM can determine average cost	Mission and Business Results - Services for Citizens	Over target	0.000000	80.000000	0.000000	80.000000	Semi-Annual
Increase the number of HMO's represented in health claims data	Number of HMO population	Process and Activities - Productivity	Over target	0.000000	3.000000	0.000000	5.000000	Semi-Annual
System availability, excluding planned maintenance	Percent (%) time of system availability.	Technology - Reliability and Availability	Over target	0.000000	85.000000	0.000000	85.000000	Quarterly
Process 90% of OPM designated FEHB service providers health claims for analysis	Percentage of health claims processed.	Process and Activities - Productivity	Over target	0.000000	90.000000	0.000000	90.000000	Monthly
Engage agency stakeholders in the progress and performance of the HCDW	Number of Reports	Mission and Business Results - Management of Government Resources	Over target	12.000000	12.000000	0.000000	12.000000	Monthly